



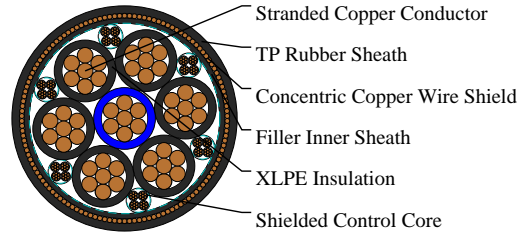
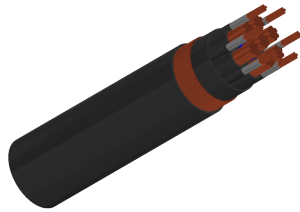
Caledonian

Airport Cables

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400Hz Airport Cables 7-core With Concentric Copper Wire Shield & Control Wire 7×35+6×(4×1)



APPLICATIONS

These cables are designed for 400 Hz systems for power supply of aircraft, computer systems and radar stations, suitable for laying in earth, in water, outdoors, indoors and in cable ducts.

STANDARDS

VDE 0295

CABLE CONSTRUCTION

Conductor: Stranded bare copper conductor, Class 6 to VDE 0295/IEC 60228.

Insulation: XLPE.

Control Core: 1mm² stranded copper conductor with PVC insulation.

Inner Sheath: Filler.

Shield: Concentric copper conductor (25mm²).

Outer Sheath: TP rubber.

PHYSICAL AND THERMAL PROPERTIES

Rated Voltage U₀/U (U_m): 600V/1000V

Operating Temperatures: -55°C~+85°C

Minimum Bending Radius: static: 8×OD; dynamic: 12×OD

Flame Retardant: Yes

DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	Nominal Diameter of Power Core	Nominal Diameter of Control Core	Nominal Diameter Under Shield	Nom. Overall Diameter	Approx. Weight
No. × mm ²	mm	mm	mm	mm	kg/km
7×35+6×(4×1)	10.5	2.1	40.8	42.8	3000